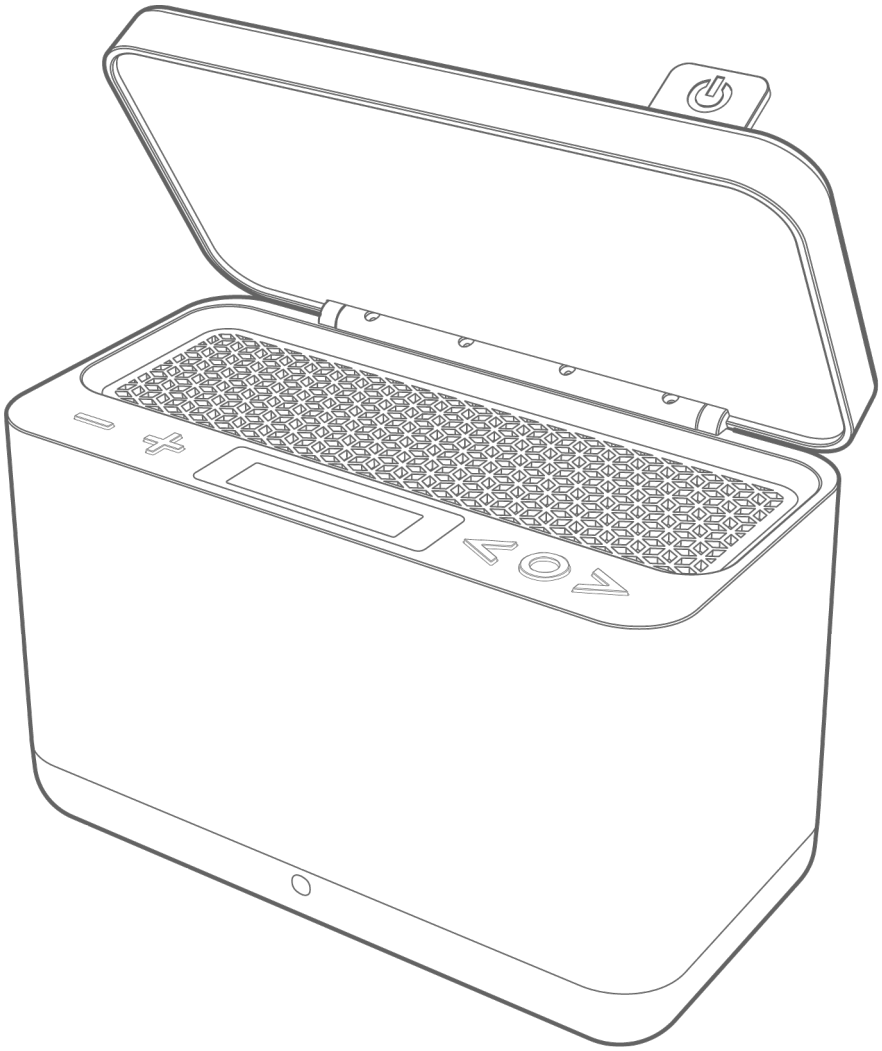
THE BOX

DAB/DAB+ and FM Digital Radio with Bluetooth and NFC Technology



Instruction Manual

Dear friend,

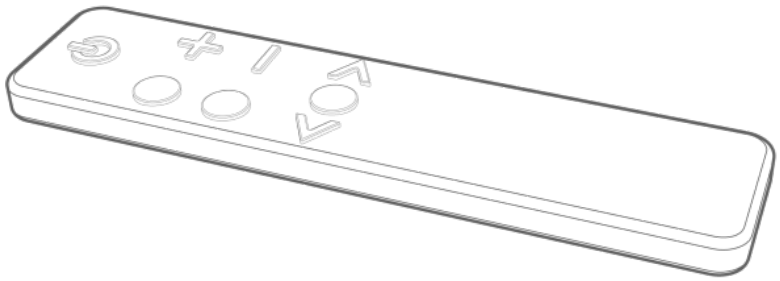
Thank you for purchasing an IRC product. We are pleased that you have chosen one of our products. At the same time, we are confident that you will find your new product to your complete satisfaction in many years ahead.

IRC is rooted in Denmark, Scandinavia, renowned worldwide for its modern minimalistic design style. Since 2001, IRC has produced and designed digital audio products characterized by an outstanding appearance, advanced technology, ease of use and based on open platforms from world leading suppliers.

At IRC, we care about the environment. To avoid paper waste, the product manual is to be found on the attached USB memory stick. We hope you enjoy the attached key hanger as well.

To keep you updated with new software upgrades or new functionalities to your product, we kindly ask you to visit our website www.ircgo.com and register your product. We promise only to contact you by email in case of important information in regards to your product.

For all registered users, we will offer you a great designed remote control, for your product with 30% discount. When you're registered, you will receive information about the offer.

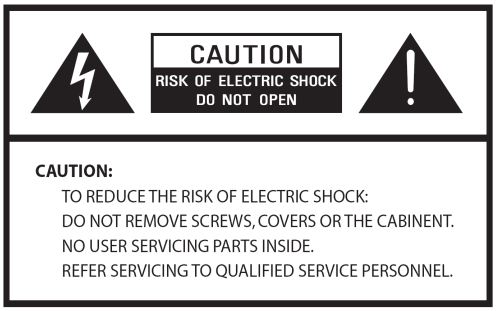


Should you have any questions or concerns please do not hesitate to contact us at info@ircgo.com.

All the best
The IRC team

You can follow our journey, on social media Facebook www.facebook.com/ircgo and Twitter https://twitter.com/IRC_Nordic.

Important Safety Instructions


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK:
DO NOT REMOVE SCREWS, COVERS OR THE CABINENT.
NO USER SERVICING PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

1. Read these instructions.
2. Keep these Instructions.
3. Heed all Warnings.
4. Follow all instructions.
5. Do not use the speaker near water.
6. Clean only with dry cloth.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS SPEAKER TO RAIN OR MOISTURE.

To reduce the risk of electrical shock, fire, etc.:

1. Do not place unit near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
2. Do not block any ventilation openings of unit.
3. The unit shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the unit.
4. Do not place any heavy loads onto the unit, and do not step on it, the load may fall and cause serious injury to the unit.
5. Please read Rating Labels under the unit for power input and other safety information.
6. This unit is intended to be used only with the power supply provided.
7. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at any point where they exit from the unit.
8. Never unplug your unit by pulling on the power cord. Always grasp the plug firmly and pull straight out from the outlet.
9. Repair or replace all electric service cords that have become frayed or otherwise damaged immediately. Do not use a cord that shows cracks or abrasion damage along its length, the plug, or the connector end.
10. To prevent fire or shock hazard, do not use this plug with an extension cord or other outlet unless the blades can be fully inserted to prevent blade exposure.
11. To prevent fire or shock hazard, do not expose unit to rain or moisture.
12. During lightning or raining days, unplug the unit for additional protection during thunderstorms or when the unit is not used for prolonged periods. This will prevent damage to the unit from lightning and power surges.
13. Do not attempt to carry out any service work yourself. By opening or removing the cabinet, you may be exposed to dangerous voltage or other hazards. Any service work should be carried out by qualified technicians.
14. In the interests of safety and to avoid unnecessary energy consumption, never leave the unit switched on while unattended for long periods of time, e.g. overnight, while on holiday or while out of the house. Switch it off and disconnect the mains plug from the mains socket.
15. The battery is only intended for use with the power supply provided with the product. Do not attempt to charge the battery in temperatures outside the range of 0℃~40℃.
16. Do not expose the product or battery to excessive heat, including direct sunlight or fire.
17. Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
18. Please dispose of a used or damaged battery promptly and properly, following all local regulations. Do not incinerate.

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Getting Started

Carefully remove your radio from the box. You may wish to store the packaging for future use.

What you can find inside of your package

- Main unit
- Instruction manual
- AC power cord
- Rechargeable battery
- Welcome letter
- USB Key hanger with instruction books

Positioning your Radio

Place your radio on a flat / stable surface that is not subject to vibrations.

Avoid the following locations:

- Where the radio will be exposed to direct sunlight.
- Where the radio will be close to heat radiating sources.
- Where the humidity is high and ventilation is poor.
- Where it is dusty.
- Where it is damp or there is a possibility of water dripping or splashing onto unit.

Adjusting the Antenna

Extend the antenna to ensure you receive the best reception possible in both DAB and FM radio modes. It may be necessary to adjust the position of the radio and /or antenna to achieve the best signal.

Using Headphones

You will require headphones fitted with a 3.5 mm diameter stereo plug. The **Headphones** socket is located on the front of this unit. Headphones are not supplied with this radio.

Turn down the volume before connecting earphones. Slowly raise the volume with the earphones on until you reach your desired level.

Caution: long-term exposure to loud music may cause hearing damage. It is best to avoid extreme volume when using earphones, especially for extended periods of time.

Turning the Unit On/Off

1. Connect the power cord to the **AC IN** socket on the back of the unit. Then insert the plug of power cord into the mains socket.
2. Open the cover of box to switch radio on.
3. Close the cover of box to switch radio off

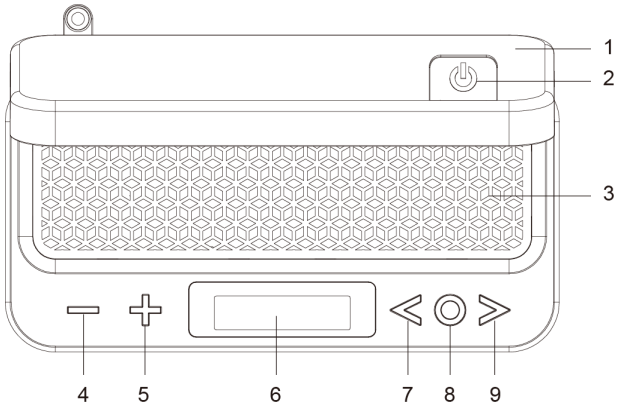
Your radio includes a rechargeable battery, once connected radio to mains supply, the battery will be automatically charged and automatically stop charging since fully charged.

When radio doesn't connect to mains supply, it will run by battery power.

Volume Control

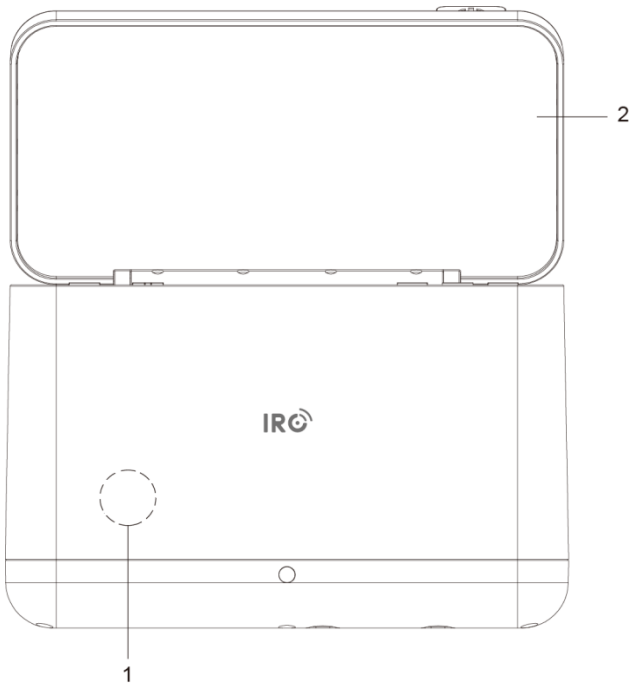
Adjust the radio volume by pressing ▭ or ✚ buttons, making sure no menu setting is going on.

Unit Top View



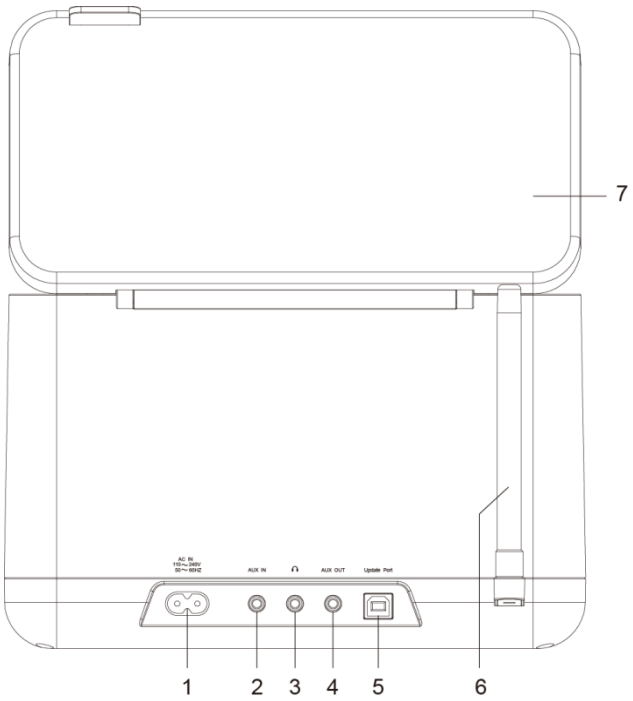
1. Cover
2. Power sensor
   Open the cover of box to switch radio on.
   Close the cover of box to switch radio off.
3. Speaker
4. button
   Press to decrease volume.
5. button
   Press to increase volume.
6. Display
7. button
   Press to browse previous option.
   Press to skip to previous track in Bluetooth mode.
8. button
   Press to switch among DAB, FM, Bluetooth and Aux in mode.
   Press and hold to display menu.
   In menu setting, press to confirm selection.
9. button
   Press to browse next option.
   Press to skip to next track in Bluetooth mode.

Unit Front View



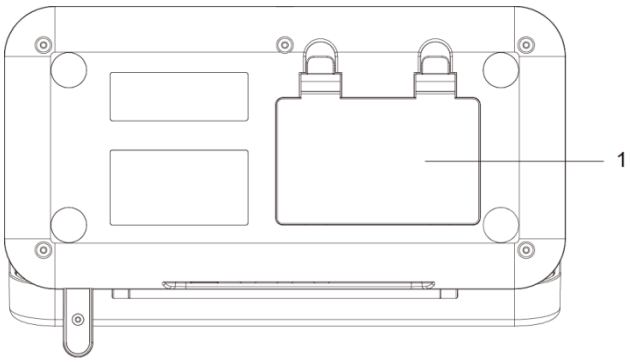
1. NFC chip
2. Cover

Unit Back view



1. **AC IN** socket
2. **AUX IN** socket
3. **Headphones** socket
4. **AUX OUT** socket
   Connect to audio cable. This enables your radio stream music to external speaker and you can operate your audio device directly for playback features
5. **Update Port**
   Please leave this for service professional only!
6. DAB/FM antenna
7. Cover

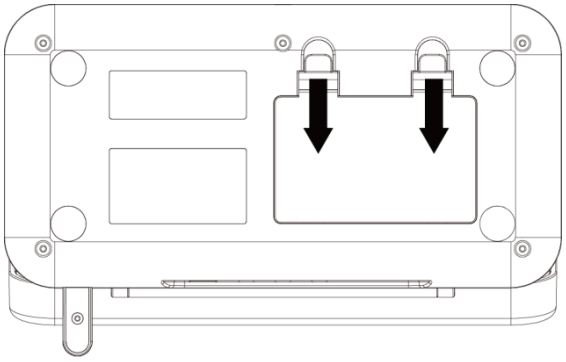
Unit Bottom View



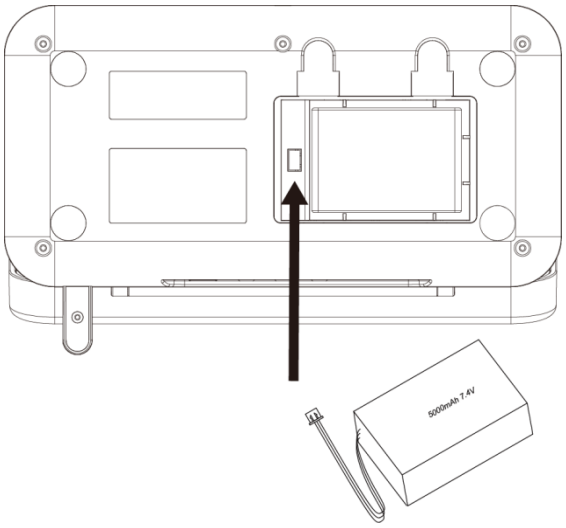
1. Rechargeable battery compartment

Installing Battery

1. Press and pull the cover to open the battery compartment.



2. Install the provided battery. Make sure the cable connected firmly to the internal socket.



3. Close the battery compartment cover.

DAB Mode

When you turn on the radio it will automatically search and store all the available stations. You should conduct an additional Full Scan to ensure all stations are picked up and stored. It is also recommended every few months to run a new scan to pick up any new DAB/DAB+ that may have begun broadcasting after purchasing your DAB radio.

1. For initial use, your radio will conduct a full scan and store stations list in memory.
2. Once the scanning is completed, the DAB/DAB+ stations will be displayed in alphanumeric order. The first station in the list will be selected.

***Note**:*

- *The DAB/DAB+ stations will be displayed and stored in alphanumeric order.*
- *If no DAB/DAB+ signal is found, it may be necessary for you to relocate your radio.*

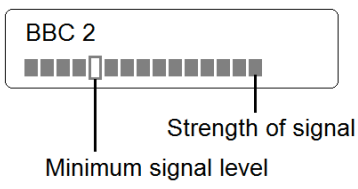
Display

This feature enables you to select the station information which shows on the display.

1. Press and hold ◎ button, and then press ⋖ or ⋗ buttons to select **Display**, press ◎ button to confirm.
2. Press ⋖ or ⋗ buttons to browse through Scrolling text, Signal strength, Program Type, Ensemble, Frequency, Signal quality, Bitrate and Codec, Format, Time and Date, and then press ◎ button to confirm your selection.

Showing Signal Strength

While you selected Signal strength, a signal bar with the strength of the current station will show on the display.



The indicator on the signal bar shows the minimum acceptable signal level.

Note:

Stations with signal strength below the minimum signal level may not provide a steady stream of audio.

Station List

This feature enables you to select a station from available station list.

1. Press and hold ◎ button, and then press ⋖ or ⋗ buttons to select **Station list**, press ◎ button to confirm.
2. Alternatively, while a program is playing, press ⋖ or ⋗ buttons to show station list.
3. Press ⋖ or ⋗ buttons to browse stations list, and then press ◎ button to confirm. The selected station will be broadcast.

Secondary Service

You may see a “>>” symbol after the name of the station, this indicates that there are secondary services available to that station. These secondary services contain extra services that are related to the primary station. E.g. a sports station may want to add extra commentaries. The secondary services are inserted directly after the primary station (a “<<” symbol is before the name of the station) in the station list.

To select the secondary station, press ⋖ or ⋗ buttons until you find the secondary service you want, then press ◎ button to select it.

When the secondary service ends, the unit will automatically switch back to the primary station.

Full Scan

This feature enables your radio to scan for all available stations.

Press and hold ◎ button, and then press ⋖ or ⋗ buttons to select **Full scan**, press ◎ button to confirm.

FM Mode

Selecting FM Mode

1. Press button repeatedly to select FM mode.
2. For initial use, it will start at the beginning of the FM frequency range (87.50MHz). Or it will play the last FM station you were listening to.
3. **To manually change the FM frequency**, make sure no other order/system setting is going on, press or buttons to change the frequency frequency by 0.05MHz per step.
4. **To automatically scan**, while FM frequency shows up, press and hold or buttons to backwards or forwards search.

Display

This feature enables you to select the station information which shows on the display.

1. Press and hold button, and then press or buttons to select **Display**, press button to confirm.
2. Press or buttons to browse through Radio text, Program Type, Ps, Audio info, Time and Date.

Scan Setting

By default, FM scans stop at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations.

1. To change the scan settings to stop only at stations with good signal strength, press and hold button, and then press or buttons to select **Scan setting**, press button to confirm.
2. Press or buttons to browse ‘Strong stations only’, and then press button to confirm.

Audio Setting

By default, all stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss).

1. To play weak stations in mono, press and hold button, and then press or buttons to select **Audio setting**, press button to confirm.
2. Press or buttons to browse ‘Forced mono’, and then press button to confirm.

Bluetooth Mode

Pair the unit with a Bluetooth device to listen to music:

1. Press button repeatedly to select **Bluetooth** mode.
2. The display will show ‘Discoverable’ .
3. Activate your Bluetooth device and select the search mode.
4. ‘Box’ will appear on your Bluetooth device.
5. Select ‘Box’ and enter “0000” for the password if necessary.
6. ‘Device connected’ will show on the display when connection is successful.
7. To disconnect current Bluetooth connection, press and hold button, and then press or buttons to select **Disconnect**, press button to confirm.
8. To play music, press button to skip to previous track; press button to skip to next track.

Display

This feature enables you to select the music information showing on the display.

1. Press and hold button, and then press or buttons to select **Display**, press button to confirm.
2. Press or buttons to browse between Time and Date.

NFC (Near Field Communication)

NFC enable you pair and connect with Bluetooth devices in a easy way.

1. Press button repeatedly to select **Bluetooth** mode.
2. Make sure that your NFC is turned “On” on your mobile device.
3. Hold your mobile device about 2cm close to NFC chip for receiving an auto-connection between your mobile device and radio.
4. Your device then will turn-on Bluetooth automatically and will pair your device with radio. No additional settings are necessary.

Aux in Mode

Aux in allows for quick and easy connection to an MP3 player or other external audio sources.

1. Before connecting to the mains socket, use a 3.5mm audio cable (not supplied) to connect to your external audio device through the **AUX IN** socket on the side of unit.
2. Connect power cord to mains socket, press button to switch unit on.
3. Press button repeatedly to select **Auxiliary Input** mode.
4. In Aux in mode, you may operate your audio device directly for playback features.
5. To gain optimal volume levels, adjusting the output volume level on the audio device as well is recommended.

Display

This feature enables you to select the music information showing on the display.

3. Press and hold button, and then press or buttons to select **Display**, press button to confirm.
4. Press or buttons to browse between Time and Date.

General Operation

Setting Alarm

Set Alarm, making sure set time at first.

1. Press and hold button, and then press or buttons to select **Alarm**, press button to confirm.
2. Display will show ‘**Alarm Setup**’, press button to confirm.
3. Press or buttons to select options, and then press button to confirm the setting.

Alarm states:	On or Off
Alarm time:	On Time: 00:00 (manually set up the time)
Alarm duration time:	15/30/45/60/90 minutes
Last listened:	Only available when DAB or FM source is selected
Alarm active day:	Daily, Once, Weekends or Weekdays
Alarm volume:	Press or buttons to set the alarm volume

4. When display shows 'Alarm Saved', the alarm setting is successful.
5. To turn off alarm, press button when the alarm sounds.
6. To cancel Alarm, refer to steps1-3 to set Alarm states to ‘Off'.

Setting Equaliser

This feature enables you to set a sound equalization profile. The equalization setting will change the tone of the sound from your radio.

1. Press and hold button, and then press or buttons to select **Equaliser**, press button to confirm.
2. Press or buttons to browse through Treble and Bass, and then press button to confirm.
3. Press or buttons set the level of Treble and Bass, and then press button to confirm.

Setting Time

1. Press and hold button, and then press or buttons to select **Time**, press button to view options as below:

Set Time/date:	Manually set-up both Time and Date
Auto update:	'Update from Any', 'Update from DAB', 'Update from FM' or 'No update'
Set 12/24 hour format:	'Set 24 hour' or 'Set 12 hour'
Set date format:	'DD-MM-YYYY' or 'MM-DD-YYYY'

2. Then setting time according to your personal preference.

Setting Backlight

This feature enables you to change the backlight.

1. Press and hold button, and then press or buttons to select **Backlight**, press button to confirm.
2. Press or buttons to browse through "High", "Medium" and "Low", and then press button to confirm.

Setting Language

This feature enables you to change the language of displaying menu names.

1. Press and hold button, and then press or buttons to select **Language**, press button to confirm.
2. Press or buttons to browse, and then press button to select you desired

Factory Reset

Doing a factory reset resets all user settings to default values, so time/date, alarm settings and presets are lost.

1. Press and hold button, and then press or buttons to select **Factory Reset**, press button to confirm.
2. Press or buttons to select '**Yes**', and then press button to confirm.

Software Upgrade

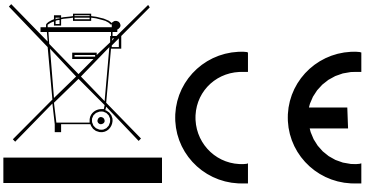
Please leave this for service professional!
If you selected **Software Upgrade** menu accidentally, please select '**No**' to exit this option.

SW Version

Press and hold button, and then press or buttons to select **SW version**, press button to confirm. The software version will show on the display.

Specification

ITEMS	SPECIFICATIONS
Description:	DAB/DAB+ and FM Digital Radio with Bluetooth and NFC Technology
Frequency Ranges:	FM: 87.5-108MHz DAB/DAB+: 174.928 – 239.200MHz
Power Supply:	AC Power Input: 110-240Vac, 50-60Hz
Battery Requirement:	3000mAh,7.4V
Audio Output Power:	5W rms x 2
Power Consumption:	18W (Max)
Dimension (W x D x H):	244mm x 154mm x170mm



This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU.
For more information, please contact the local authority or your retailer where you purchased the product.

IRC Nordic guarantees warranty according to existing legislation comprising manufacturing and material defect which may be identified by normal use of the article.

The warranty does not cover errors, damages or wear, directly or indirectly, caused by improper operation, poor maintenance, force, bashes or drops or unauthorized operations, malfunction due to connection to any equipment – damages related to fire, short circuits, etc. Claims about deficiencies and lapses, which are to be identified by ordinary testing of the article, must be notified to the relevant store within a reasonable period of time. The article can subsequently be handed in for repair.